



**How ICT tools can help
monitor implementation
of the TFA ...**
ASYCUDA Programme

Giuseppe Di Capua
Division on Technology and Logistics
UNCTAD

26 January 2017, Geneva

Information & Communication Technology Tools

- Role of Customs automation
 - Automated System for Customs Data system
 - Facilitating WTO Annual Notifications (Tariff and Import data)
- Customs Performance Indicators (ASYPM)
 - A-01: Registered Declarations by office code and paid
 - D-01: Brokers
 - D-02: Declaration time delays
 - D-03: Monthly assessment time delays
 - D-06: Pre-arrival declarations
 - D-07: Monthly clearance time delays in minutes
 - D-09: Time delay between ship's arrival and exit of the goods
 - M-02: Efficiency of change of the selectivity channel (re-routage)
 - R-05: Exemptions
 - R-07: Customs activities for enforcement
- Electronic workflows and documents
 - Electronic Export Permit Declaration (e-EPD)
 - Electronic Import Permit Declaration (e-IPD)

26 January 2017, Geneva

CUSTOMS AUTOMATION: Automated System for CUstoms Data (ASYCUDA)



ASYCUDA program provides expertise and powerful ICT tools to implement customs-related WTO TFA provisions

UNCTAD has over 30 years of experience with Customs automation and is used in over 90 countries / territories

Since its inception, the ASYCUDA programme has built capacity in **111** countries / territories of Customs Administrations of

www.asycuda.org



ART 1

PUBLICATION AND AVAILABILITY OF INFORMATION

ART 3

ADVANCE RULING

ART 5

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DISCIPLINES ON FEES AND CHARGES

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RELEASE AND CLEARANCE OF GOODS

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MOVEMENT OF GOODS FOR IMPORT



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FORMALITIES CONNECTED WITH IMPORTATION, EXPORTATION AND TRANSIT

ART 11

FREEDOM OF TRANSIT

ART 12

CUSTOMS COOPERATION

A-01: Registered Declarations by office code, paid and not paid

Monthly and for each Customs office, provides the number of
 - number of registered declarations that must be paid,
 - number of declarations paid among those registered the same month,
 - amount of duties and taxes (registered), and
 - collected revenue for paid declarations among those registered the same month
 This monthly report presents data for comparison (m-1, m, m-12).

Year: 2014 Month: January

Display: Simple Number Thousands Millions

Display previous month: Display previous year:

Export in  



Office	Declarations décembre, 2013						Declarations janvier, 2014						Declarations janvier, 2013					
	Registered (number of dec.)	Paid* (number of dec.)	%	Registered (amounts of taxes and duties)	Paid* (amounts of taxes and duties)	%	Registered (number of dec.)	Paid* (number of dec.)	%	Registered (amounts of taxes and duties)	Paid* (amounts of taxes and duties)	%	Registered (number of dec.)	Paid* (number of dec.)	%	Registered (amounts of taxes and duties)	Paid* (amounts of taxes and duties)	%
LRBOW	68	49	72.00%	101,950.35	80,811.48	79.27%	63	62	98.00%	11,695.88	11,377.13	97.27%	0	0	0.00%	0	0	0.00%
LRBUC	7	6	85.00%	9,035.48	1,230.8	13.62%	3	0	0.00%	72,673.55	0	0.00%	0	0	0.00%	0	0	0.00%
LRFRP	2042	1787	87.00%	10,107,082.09	9,192,337.35	90.95%	1744	1553	89.00%	8,026,648.41	7,373,312.87	91.86%	1836	1662	90.00%	8,613,565.32	8,470,719.58	98.34%
LRGAN	40	35	87.00%	27,173.59	21,258.2	78.23%	105	104	99.00%	27,641.55	24,128.29	87.29%	0	0	0.00%	0	0	0.00%
LRJSP	21	21	100.00%	1,789.15	1,789.15	100.00%	12	12	100.00%	1,124.55	1,124.55	100.00%	0	0	0.00%	0	0	0.00%
LRLME	0	0	0.00%	0	0	0.00%	10	10	100.00%	93,384.72	93,384.72	100.00%	12	9	75.00%	109,359.12	82,153.52	75.12%
LRLPR	309	303	98.00%	2,624,446.6	2,520,371.6	96.03%	147	114	77.00%	2,634,393.2	2,237,343.2	84.93%	395	312	78.00%	2,661,007.18	2,156,847.18	81.05%
LRPAP	75	75	100.00%	690.35	690.35	100.00%	52	52	100.00%	324.6	324.6	100.00%	24	1	4.00%	193.71	10	5.16%
LRRIA	293	240	81.00%	238,906.49	225,267.15	94.29%	302	285	87.00%	462,635.68	307,668.32	66.50%	510	473	92.00%	256,893.96	177,201.25	68.98%
LRTOE	0	0	0.00%	0	0	0.00%	12	0	0.00%	18,346.1	0	0.00%	0	0	0.00%	0	0	0.00%
LRYEK	11	0	0.00%	840.63	0	0.00%	31	31	100.00%	5,531.3	5,573.52	100.76%	0	0	0.00%	0	0	0.00%
Totals:	2866	2516		13,111,914.73	12,043,756.08		2481	2203		11,354,399.54	10,054,237.2		2777	2457		11,641,019.29	10,886,931.53	



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Activity Revenue and Enforcement Delay Monitoring and control of practices System Integrity

A-01: Registered Declarations by office code, paid and not paid

Monthly and for each Customs office, provides the number of
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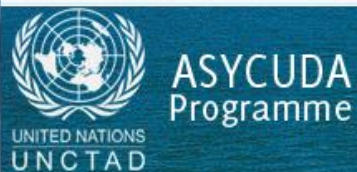
Office	Declarations décembre, 2013						Declarations janvier, 2014					
	Registered (number of dec.)	Paid* (number of dec.)	%	Registered (amounts of taxes and duties)	Paid* (amounts of taxes and duties)	%	Registered (number of dec.)	Paid* (number of dec.)	%	Registered (amounts of taxes and duties)	Paid* (amounts of taxes and duties)	%
LRBOW	68	49	72.00%	101,950.35	80,811.48	79.27%	63	62	98.00%	11,695.88	11,377.13	97.27%
LRBUC	7	6	85.00%	9,035.48	1,230.8	13.62%	3	0	0.00%	72,673.55	0	0.00%
LRFRP	2042	1787	87.00%	10,107,082.09	9,192,337.35	90.95%	1744	1553	89.00%	8,026,648.41	7,373,312.87	91.86%
LRGAN	40	35	87.00%	27,173.59	21,258.2	78.23%	105	104	99.00%	27,641.55	24,128.29	87.29%
LRJSP	21	21	100.00%	1,789.15	1,789.15	100.00%	12	12	100.00%	1,124.55	1,124.55	100.00%
LRLME	0	0	0.00%	0	0	0.00%	10	10	100.00%	93,384.72	93,384.72	100.00%
LRLPR	309	303	98.00%	2,624,446.6	2,520,371.6	96.03%	147	114	77.00%	2,634,393.2	2,237,343.2	84.93%
LRPAP	75	75	100.00%	690.35	690.35	100.00%	52	52	100.00%	324.6	324.6	100.00%
LRRIA	293	240	81.00%	238,906.49	225,267.15	94.29%	302	265	87.00%	462,635.68	307,668.32	66.50%
LRTOE	0	0	0.00%	0	0	0.00%	12	0	0.00%	18,346.1	0	0.00%
LRYEK	11	0	0.00%	840.63	0	0.00%	31	31	100.00%	5,531.3	5,573.52	100.76%
Totals:	2866	2516		13,111,914.73	12,043,756.08		2481	2203		11,354,399.54	10,054,237.2	

* paid declarations among those registered in the same month (declarations which have been registered before the selected month are not taken into account)

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OLAP ASYPM FAVORITES TARGET CREATE DASHBOARD

NAVIGATE

Activity Revenue and Enforcement Delay Monitoring and control of practices System integrity

D-02: DECLARATION TIME DELAYS

- **Registration Time:** Time spent for registration, considering all modifications made to a registered document (if 0 it means no modifications have been made).
- **Assessment Time:** Time spent for assessment, which is the time between assessment timestamp and first registration timestamp.
- **Payment Time:** Time spent for payment, which is the time between last payment timestamp and assessment timestamp.
- **After Payment Time:** Time spent before selectivity occurs, which is the time between first selectivity timestamp and first payment timestamp.
- **Clearance Time:** Time spent for clearance, which is the time between clearance and selectivity timestamps.
- **Exit Time:** Time spent for exit, which is the time between exit and clearance timestamps.

Year: 2013 Month: January

Type: Registration Time Assessment Time Payment Time After Payment Time Clearance Time Exit Time

Display: Days Hours Minutes Seconds

Display previous month: Display previous year:



Office	Declarations December, 2012					Declarations January, 2013					Declarations January, 2012				
	AVG	MAX	MIN	MED	STD	AVG	MAX	MIN	MED	STD	AVG	MAX	MIN	MED	STD
LRFRP	89.35	2,038.18	0.00	46.05	167.52	<u>83.75</u>	1,365.81	0.00	46.40	126.86	80.79	2,472.40	0.00	43.79	160.42
LRLME	387.07	769.12	49.13	357.96	241.06	<u>416.58</u>	1,995.46	0.04	317.31	549.77	0.00	0.00	0.00	0.00	0.00
LRLPR	90.56	313.78	0.00	90.54	72.55	<u>90.66</u>	285.95	0.00	98.23	65.13	145.70	864.07	0.00	73.24	176.42
LRPAP	0.00	0.00	0.00	0.00	0.00	<u>749.22</u>	1,004.73	333.02	736.80	155.13	0.00	0.00	0.00	0.00	0.00
LRRIA	52.82	3,864.77	0.00	0.52	195.33	<u>37.25</u>	2,015.36	0.00	0.51	121.79	127.41	6,260.79	0.00	0.61	679.76



D-03: Monthly assessment time delays in minutes

Monthly time delays between registration and assessment of the declaration, and additional information on not assessed taking into account public holidays and WE => add the medians and two classes, one for very short time delays and a second for the very long ones Delay calculation to be set in minutes to consider that working day finishes at HH:00.

View option: Office/Year/Month Year/Month/Office Year/Office/Month

D-03: Monthly assessment time delays in minutes

	Year	Month	Office	Avg Days	Avg time difference in hours	Avg time difference in minutes	Avg time difference in seconds
+	2009			2.4	56.6	3,427.93	205,705.51
+	2010			2.4	56.4	3,413.36	204,831.33
-	2011			3.9	93.9	5,662.25	339,765.00
+	2011	1		2.2	52.7	3,189.94	191,425.84
+	2011	2		6.8	163.0	9,811.02	588,691.76
+	2011	3		3.7	88.8	5,358.95	321,566.81
+	2011	4		2.2	52.5	3,180.86	190,881.26
+	2011	5		2.5	60.7	3,672.94	220,406.88
+	2011	6		2.6	61.6	3,726.67	223,629.99
+	2011	7		2.3	55.3	3,347.97	200,908.12
+	2011	8		2.8	66.6	4,027.43	241,675.48
+	2011	9		5.0	118.8	7,156.32	429,409.09
+	2011	10		6.8	162.6	9,782.17	586,959.94
+	2011	11		5.3	126.7	7,631.73	457,933.60
+	2011	12		4.1	98.0	5,910.96	354,687.22
+	2012			1.4	34.2	2,069.79	124,208.21

M-02: Efficiency of change of the selectivity channel (re-routage)

For every office and section, monthly

- i) total number of declarations in yellow and red channels,
- ii) number total of declarations re-routed from yellow to red ,
- iii) number of corrections for these declarations,
- iv) and recovered amounts in number and percentage (amount recovered by inspector / total amount of declaration).

Year: 2014

Month: January

Display: Simple Number Thousands Millions



Office	Section	Declarations décembre, 2013						Declarations janvier, 2014					
		Red	Yellow	Yellow to Red	Post Entries	Recovered / Refunded Amount	%	Red	Yellow	Yellow to Red	Post Entries	Recovered / Refunded Amount	%
LRBOW	ASSESSORS	0	2	0	0	0.00	%	0	0	0	0	0.00	0.00%
LRBOW	Various sections	50	0	0	0	0.00	%	61	0	0	0	0.00	%
LRBUC	Various sections	7	0	0	4	0.00	0.00%	0	0	0	0	0.00	0.00%
LRFPR	ASSESSORS	17	17	17	1	0.00	0.00%	12	12	12	4	0.00	0.00%
LRFPR	EXAMINERS	0	0	0	5	0.00	0.00%	0	0	0	0	0.00	0.00%
LRFPR	No section	1,220	438	434	230	198,378.90	19.13%	1,080	385	383	177	165,949.25	25.36%
LRFPR	Various sections	894	0	0	456	442,594.31	31.26%	830	0	0	340	346,492.38	37.28%
LRGAN	Various sections	38	0	0	45	191.32	0.46%	106	1	0	2	1,591.09	15.60%
LRJSP	Various sections	21	2	0	0	0.00	%	12	2	0	2	0.00	0.00%
LRRIA	ASSESSORS	0	2	0	0	0.00	%	0	5	0	0	0.00	%
LRRIA	No section	11	18	0	0	0.00	%	10	14	0	0	0.00	%
LRRIA	Various sections	260	0	0	3	420.70	32.39%	291	0	0	4	3,326.96	39.68%
LRYEK	Various sections	0	0	0	0	0.00	0.00%	42	0	0	0	0.00	%
Totals:		2,518	479	451	744	641,585.23		2,444	419	395	529	517,359.68	2

R-05: Exemptions

Total amount exempted compared to total amount registered. Listed by rel_cod. Date interval, monthly and N months of the year.

Browse by Month Browse by Tree

Year: 2014 Month: January Display: Simple Number Thousands Millions

Display previous month: Display previous year:

Code	Description	Exemptions December, 2013			Exemptions January, 2014		
		Tax Amount	Exempted	%	Tax Amount	Exempted	%
---		0.00	0.00	0.00	41.49	0.00	0.00
0		0.00	0.00	0.00	0.00	0.00	0.00
000	COMMON REGIME	13,371,842.31	0.00	0.00	11,107,850.69	0.00	0.00
001	BY OR FOR THE ACCOUNT OF THE PRESIDENT	18,149.93	329,579.13	94.78	9,938.91	442,007.92	97.80
002	BY AND ON BEHALF OF GOVERNMENT OR BY OR BEHALF OF LOCAL GOVT OR BODIES	615.42	1,162,790.76	99.95	0.00	2,918,320.72	100.00
004	EXECUTIVE ORDERS BY THE PRESIDENT	0.00	0.00	0.00	0.00	0.00	0.00
005	COMPANIES 100% EXEMPT MF335	1,674.65	799,828.47	99.79	0.00	1,122,933.49	100.00
007	INTERNATIONAL ORGANISATIONS (EXEMPT)	0.00	267,061.04	100.00	0.00	111,957.37	100.00
009	IMPORTS EXEMPT FROM TRNSHIPMENT FEES	0.00	3,190.09	100.00	0.00	1,571.65	100.00
011	EXEMPTION OF IMPORT DUTY FOR RICE	4,814.90	881,132.25	99.46	2,428.03	1,377,090.05	99.82
014	IMPORT PAYING 50%ID, 50%GST, 0.5%ETL	0.00	0.00	0.00	0.00	0.00	0.00
015	IMPORTS PAYING 40%ID, 40%GST, 0.4%ETL	0.00	0.00	0.00	0.00	0.00	0.00
018	industrial use	0.00	0.00	0.00	4,314.05	9,875.38	69.60
021		20,100.00	509,376.00	96.20	0.00	102,655.00	100.00
022		20,100.00	506,451.00	96.18	0.00	102,655.00	100.00
100	REPRESENTATIVES OF FOREIGN GOV'T'S & PUBLIC INTERNATIONAL ORGANISATIONS	0.00	533,104.05	100.00	0.00	80,400.01	100.00
101	BY OR BEHALF OF FOREIGN GOVERNMENTS AND PUBLIC INTERNATIONAL ORGAN'S	0.00	31,236.83	100.00	0.00	371,692.88	100.00
104	INVESTMENT INCENTIVE CONTRACTS	11,700.82	0.00	0.00	8,364.23	0.00	0.00
105	EXECUTIVE ORDER 40	0.00	0.00	0.00	0.00	0.00	0.00
110	EXPEMION OF ROYALTIES_IRON	0.00	562,134.07	100.00	0.00	647,233.93	100.00

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OLAP ASYPM FAVORITES TARGET CREATE DASHBOARD NAVIGATE

Activity Revenue and Enforcement Delay Monitoring and control of practices System Integrity

M-02: EFFICIENCY OF CHANGE OF THE SELECTIVITY CHANNEL (RE-ROUTAGE)

For every office and section, monthly
 i) total number of declarations in yellow and red channels,
 ii) number total of declarations re-routed from yellow to red ,
 iii) number of corrections for these declarations,
 iv) and recovered amounts in number and percentage (amount recovered by inspector / total amount of declaration).

Year: 2014 Month: January

Display: Simple Number Thousands Millions

Navigation arrows

Office	Section	Declarations December, 2013							Declarations January, 2014					Declarations January, 2013					
		Red	Yellow	Yellow to Red	Post Entries	Recovered Refunded Amt.	%	Red	Yellow	Yellow to Red	Post Entries	Recovered Refunded Amt.	%	Red	Yellow	Yellow to Red	Post Entries	Recovered Refunded Amt.	%
LRBOW	ASSESSORS	0	2	0	0	0.00	%	0	0	0	0	0.00	0.00%	0	0	0	0	0.00	0.00%
LRBOW	Various sections	50	0	0	0	0.00	%	81	0	0	0	0.00	%	0	0	0	0	0.00	0.00%
LRBUC	Various sections	7	0	0	4	0.00	0.00%	0	0	0	0	0.00	0.00%	0	0	0	0	0.00	0.00%
LRFRP	ASSESSORS	17	17	17	1	0.00	0.00%	12	12	12	4	0.00	0.00%	8	0	0	3	1,310.50	100.00%
LRFRP	EXAMINERS	0	0	0	5	0.00	0.00%	0	0	0	0	0.00	0.00%	0	0	0	0	0.00	%
LRFRP	No section	1,220	438	434	230	198,378.90	19.13%	1,080	385	383	177	165,949.25	25.36%	1,135	1	2	42	28,128.47	11.67%
LRFRP	Various sections	894	0	0	456	442,594.31	31.26%	830	0	0	338	344,977.23	37.22%	882	0	0	179	100,665.10	26.02%
LRGAN	Various	38	0	0	45	191.32	0.46%	106	1	0	2	1,591.09	15.60%	0	0	0	0	0.00	0.00%

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Activity Revenue and Enforcement Delay Monitoring and control of practices System Integrity

R-07: CUSTOMS ACTIVITIES FOR ENFORCEMENT

- i) ratio (in number and DT amount) of unpaid declarations,
- ii) ratio (in number of cases et recovered DT amount) for declarations modified with increased amount of DT
- iii) ratio (in number and DT amount) of declarations sent to red channel (final channel, red to yellow or red to blue not taken into account),
- iv) ratio of DT amount per country of origin,
- v) ratio of DT amount per HS 4 or 6 codes,
- vi) ratio of DT amount per crossing (HS, origin) (Allows identification of the consistency of Broker's transactions).

GENERAL TABLE DETAILS

created by ASYCUDA using amcharts.com



<input checked="" type="checkbox"/> Total number of assessed declarations	4,315.00	<input checked="" type="checkbox"/> DT by assessment month	14,726,845.36
<input checked="" type="checkbox"/> Declarations modified	63.00	<input checked="" type="checkbox"/> Declarations selected red	3,127.00
<input checked="" type="checkbox"/> Duties and Taxes Recovered during modification	29,337.31	<input checked="" type="checkbox"/> Unpaid declarations	420.00
<input checked="" type="checkbox"/> Duties and Taxes of selected red	6,663,720.92		
<input checked="" type="checkbox"/> Duties and Taxes Unpaid	1,563,021.84		

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Thank you for your attention

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